CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

SECRET/CONTROL--U.S. OFFICIALS ONLY

COUNTRY	Bulgaria	REPORT	25X1
SUBJECT	Bulgarian Mapping Agencies	DATE DISTR.	6 May 1954
		NO. OF PAGES	3
DATE OF INFO.			25X1
PLACE ACQUIRED			25X1

This is UNEVALUATED Information

933994

THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

25X1

Geoplan Proekt

1. The following departments of Geoplan Proekt are known:

   a. Aerial photographs. This department does not make aerial photographs but is actually concerned with field work.

   b. Cadastral maps.

   c. Computation.

   d. Planning.

   The total number of employees of Geoplan Proekt is approximately 600, of whom 100 to 150 are engineers.

2. The only known photogrammetric instrument owned by Geoplan Proekt is a Zeiss phototransformer (Reg I).

3. Maps made by Geoplan Proekt are only blueprinted, the Geografski Institut being the only agency in Bulgaria which prints maps. Maps are kept in the department in which they are drawn. The only way blueprints may be issued is by order of the Supreme Administration for Geodesy and Topography (GUGK; Glavno Upravlenie po Geodeziya i Kartografiya) through special messengers.

Topographic Mapping

4. Bulgaria is covered by the 1:25,000 map series.

25X1

SECRET/CONTROL--U.S. OFFICIALS ONLY

25 YEAR RE-REVIEW

STATE		ARMY		NAVY		AIR		FBI		AEC		ORR Ev			
	x		x		x		x						x		

(Note: Washington Distribution Indicated By "X"; Field Distribution By "#".)

b. Professor Vladimir Khristov; advanced geodesy, map projection, geophysics, and astronomy (four separate textbooks) [redacted] 25X1

c. Professor Vasil Peevski; primary geodesy, triangulation-levelling, and the theory of errors (three separate textbooks) [redacted] 25X1

d. Professor Asen Raikov; photogrammetry; and docent (Docent) Dulgerov, jointly; 25X1

e. (Docent) Dulgerov; cartography [redacted]

f. (Docent) Milcho Petrov; geodesy for building and underground survey (two separate textbooks) [redacted] 25X1

Cadastral Mapping

5. The scale of cadastral maps is 1:500; 1:1,000; and 1:2,000. The procedure for the issue or the consultation of cadastral maps is the same as described in paragraph three.

Geodetic Training

6. The course of studies of the geodesy department of the Stalin Polytechnic College has not changed since it was part of the civil engineering department, from which it was detached in 1948.

a. In the first academic year there are 45 hours of study per week in mathematics, physics, descriptive geometry, topographic drawing, cadastral drawing, geodetic calculations, primary (flat) geodesy, geology, philosophy of science, Russian language, and one of the Western languages such as English, French, Italian or German.

b. The principal courses in the second year (two half years) include primary geodesy, the theory of errors (adjustment of errors by the method of least squares), construction of buildings, mechanics, and the two languages started in the first year.

c. The most important subjects in the third year are triangulation and levelling, planning of road and railway construction, advanced geodesy (geodetic coordinates), water supply and sewerage, town planning, building materials, and underground survey.

d. Studies in the fourth year include astronomy, map projection, cadastral mapping, water survey (rivers, lakes and sea), ground survey (for agricultural purposes), photogrammetry (mapping from aerial photographs) and cartography (map drawing on small scales).

e. Courses in the first half of the fifth year include geodesy for building, geophysics, organization of geodetic works, and cartography. In the second half of the fifth year the students do practical work and prepare for their diplomas.

7. The geodesy department has its own photogrammetric laboratory equipped with the following instruments for the practical training of the students:

a. One phototheodolite "Vild", [redacted] for the measuring of angles and photographing. 25X1

b. One Vild A-6 autograph, for the conversion of aerial photographs into maps.

c. One coordinatograph, [redacted] 25X1

d. Various photo developing equipment.

All laboratory equipment and the normal geodetic instruments used by the students in their practical training are Zeiss products acquired after the war.

8. Textbooks on most of the subjects have been written by the professors who are now teaching at the college and include the following:

25X1

a. Professor Georgi Bradistilov; mathematics; [redacted]